

s/n: 10/633,546
date: 2-18-05

| | | |
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| (iris or diaphragm or aperture) same ((leaf or blade) with (pivot\$3 or 7472 rotat\$3)) | US-PGPUB; USPAT; IBM_TDB | 2/18/05 17:32 |
| (((359/739,894,227) or 3141 (396/452,505,493,510,462,463,474,487,488)).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 2/18/05 17:45 |
| 355 4 and L5 | .US-PGPUB; USPAT; IBM_TDB | |
| 1272346 6 and fasten or secur\$3 | US-PGPUB; USPAT; IBM_TDB | 2/18/05 17:33 |
| 162 6 and (fasten or secur\$3) | US-PGPUB; USPAT; IBM_TDB | 2/18/05 17:33 |
| 107 8 and (hole or punch) | US-PGPUB; USPAT; IBM_TDB | 2/18/05 17:35 |
| 1 8 and (hole with (punch or pierc\$3)) | US-PGPUB; USPAT; IBM_TDB | 2/18/05 17:36 |
| 0 ("5541694").URPN. | USPAT | 2/18/05 17:37 |
| 4 ("4956139" "4962202" "4965617" "5025278").PN. | US-PGPUB; USPAT; USOCR | 2/18/05 17:37 |
| 149 (353/75).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 2/18/05 17:45 |
| 598 (353/75,97).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 2/18/05 17:46 |
| 3 4 and 14 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2/18/05 17:46 |
| (((359/739,894,227) or (396/452,505,493,510,462,463,474,487,488)).CCLS.) and ((iris or diaphragm or aperture) same ((leaf or blade) with (pivot\$3 or 340 rotat\$3))) | US-PGPUB; USPAT; IBM_TDB | 2/18/05 17:33 |
| (iris or diaphragm or aperture) same ((leaf or blade) with (pivot\$3 or 7207 rotat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2/18/05 17:32 |
| 19762 projection and (light or illuminat\$5) and (lens with (angle\$3 or tilt\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2/18/05 15:36 |
| projection and (((light or illuminat\$5) with axis) same (lens with 4793 (angle\$3 or tilt\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2/18/05 15:36 |
| 4 3433142.URPN. | USPAT | 7/31/04 12:09 |
| ("3183776" "3433142" "3571588" "4018527" "4199247" "4257086" "4435075" "4893225" "5072249" "5073847" 12 "5207494" "5323301").PN. | USPAT | 7/31/04 12:05 |
| 4 5072249.URPN. | USPAT | 7/31/04 11:45 |
| ((iris or diaphragm or shutter or aperture) same pin\$2 same light) and 484 (base with (slot or groove)) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:40 |
| (((359/739,894,227,234) or (396/452,505,493,510,462,463,474,487,488)).CCLS.) and (((iris or diaphragm or shutter or aperture) same pin\$2 same light) and (base 35 with (slot or groove))) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:40 |
| ((iris or diaphragm or shutter or aperture) same pin\$2 same light) 1079 same (slot or groove) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:39 |
| 2249 (iris or diaphragm or shutter) same pin\$2 same light | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:35 |

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| 204 | (((iris or diaphragm or shutter) same pin\$2 same light) same control same (slot or groove)) | US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB USPAT | 7/31/04 11:35 7/31/04 11:35 7/31/04 11:33 |
| 4968 | ((iris or diaphragm or shutter or aperture) same pin\$2 same light 5 ("3668995" "3727531" "4975725" "5225936" "5250971").PN. (((iris or diaphragm or shutter) same pin\$2 same light) same control and (((359/739,894,227,234) or | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:29 |
| 51 | 51 (396/452,505,493,510,462,463,474,487,488)).CCLS.) (((iris or diaphragm or shutter) same pin\$2 same light) same control same (slot or groove)) and (((359/739,894,227,234) or | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:29 |
| 22 | 22 (396/452,505,493,510,462,463,474,487,488)).CCLS.) ((iris or diaphragm or shutter) same pin\$2 same light) and (((359/739,894,227,234) or | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:28 |
| 174 | 174 (396/452,505,493,510,462,463,474,487,488)).CCLS.) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:28 |
| 650 | 650 ((iris or diaphragm or shutter) same pin\$2 same light) same control ((359/739,894,227) or | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:28 |
| 2222 | 2222 (396/452,505,493,510,462,463,474,487,488)).CCLS. ((359/739,894,227,234) or | US-PGPUB; USPAT; USOCR; IBM_TDB | 7/31/04 11:27 |
| 2377 | 2377 (396/452,505,493,510,462,463,474,487,488)).CCLS. (((iris or diaphragm or shutter) same pin\$2 same light) and (((359/739,894,227,234) or | US-PGPUB; USPAT; IBM_TDB | 7/31/04 11:27 |
| 135 | 135 (396/452,505,493,510,462,463,474,487,488)).CCLS.) and control 4 2830617.URPN. ("2508615" "2557213" "2608278" "2649272" "2830617" | US-PGPUB; USPAT; IBM_TDB USPAT | 7/31/04 11:27 7/31/04 11:26 |
| 10 | 10 "2934892" "3181451" "3706290" "4094492" "4095514").PN. | USPAT | 7/31/04 11:25 |
| 13 | 13 4094492.URPN. | USPAT | 7/31/04 11:25 |
| 6 | 6 4232595.URPN. ((359/234).CCLS.) and (iris or diaphragm or shutter) and (manual same 3 automatic) | USPAT US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; | 7/31/04 11:24 7/31/04 11:23 7/31/04 11:23 7/31/04 11:23 7/31/04 11:23 7/31/04 11:23 |
| 303 | 303 iris with valve | US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; | 7/31/04 11:23 7/31/04 11:23 7/31/04 11:23 7/31/04 11:23 7/31/04 11:23 |
| 29 | 29 iris with shutter with valve ((359/234).CCLS.) and (iris or diaphragm or shutter) and (manual and 3 automatic) | US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; | 7/31/04 11:23 7/31/04 10:57 |
| 28 | 28 ((359/234).CCLS.) and (iris or diaphragm or shutter) and motor 4 ("3654845" "3687042" "4100558" "4113359").PN. | US-PGPUB; USPAT; IBM_TDB USPAT US-PGPUB; USPAT; USOCR; IBM_TDB USPAT | 7/31/04 10:56 7/31/04 10:55 |
| 192 | 192 (359/234).CCLS. | IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; | 7/31/04 10:52 7/31/04 10:52 7/31/04 10:52 |
| 9 | 9 (punch or pierce) with curl with fasten\$5 | IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; | 7/31/04 10:31 7/31/04 10:31 |
| 32 | 32 pierce with curl ((359/234).CCLS.) and (fasten\$5 or attach\$5 or rivet\$5 or | IBM_TDB US-PGPUB; USPAT; | 7/31/04 10:30 |
| 61 | 61 grommet\$5) ("2821764" "3551956" "4306511" "4611381" "4860425" 9 "4956139" "4965933" "5359761" "5448824").PN. | IBM_TDB US-PGPUB; USPAT; IBM_TDB USPAT | 7/31/04 10:28 7/31/04 10:27 |
| 1 | 1 2553622.URPN. | USPAT | 7/31/04 10:17 |
| 5 | 5 2439330.URPN. | USPAT | 7/31/04 10:12 |
| 2 | 2 5803571.URPN. ("2195166" "2439330" "2465578" "3049615" "4210955" | USPAT | 7/31/04 10:12 |
| 7 | 7 "4890208" "5345371").PN. | USPAT | 7/31/04 10:11 |
| 2 | 2 2195166.URPN. | USPAT | 7/31/04 10:10 |

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| 0 1288555.URPN. | USPAT | 7/31/04 10:08 |
| 2 1503800.URPN. | USPAT | 7/31/04 10:08 |
| 0 D315743.URPN. | USPAT | 7/31/04 10:08 |
| 9 brass with fastener with legs | US-PGPUB; USPAT; IBM_TDB | 7/31/04 10:07 |
| 0 1139444.URPN. | USPAT | 7/31/04 10:07 |
| 0 5541694.URPN. | USPAT | 7/31/04 10:04 |
| 4 ("4956139" "4962202" "4965617" "5025278").PN. | USPAT | 7/31/04 10:04 |
| 2 ("4009946" "4956139").PN. | USPAT | 7/31/04 10:04 |
| 0 5731016.URPN. | USPAT | 7/31/04 10:04 |
| 7 4956139.URPN. | USPAT | 7/31/04 10:03 |
| ("2688581" "3077658" "3366512" "3890679" "3952402" | | |
| 8 "4135297" "4202091" "4230659").PN. | USPAT | 7/31/04 10:02 |
| 0 6375155.URPN. | USPAT | 7/31/04 9:52 |
| ("1999699" "2649272" "3101736" "4094492" "4095514" | | |
| 10 "4513948" "5549086" "5802716" "5975493" "5993978").PN. | USPAT | 7/31/04 9:52 |
| 11 2649272.URPN. | USPAT | 7/31/04 9:47 |
| ("2508615" "2557213" "2608278" "2649272" "2830617" | | |
| 10 "2934892" "3181451" "3706290" "4094492" "4095514").PN. | USPAT | 7/31/04 9:46 |
| 37 (bendable with fastener) same (rotat\$5 or pivot\$5) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 9:38 |
| 371 bendable with fastener | US-PGPUB; USPAT; IBM_TDB | 7/31/04 9:36 |
| 5 3762266.URPN. | USPAT | 7/31/04 9:35 |
| ("3685391" "2399773" "2765227" "3326678" "3665073" | | |
| 6 "2393564").PN. | USPAT | 7/31/04 9:35 |
| 167 (fasten\$5 with (fold or bend)) with (pivot or rotate) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 7:59 |
| 2073 (fasten\$5 with (fold or bend)) and (pivot or rotate) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 7:58 |
| 337 (fasten\$5 with (fold or bend)) same (pivot or rotate) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 7:58 |
| 73 fasten\$5 same (integral with grommet) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 7:57 |
| 6623 fasten\$5 with (fold or bend) | US-PGPUB; USPAT; IBM_TDB | 7/31/04 7:57 |
| 24 fastener same punch same fold | US-PGPUB; USPAT; IBM_TDB | 7/31/04 7:54 |
| 758 (359/739,894).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 7/31/04 7:47 |
| 62 ((359/739,227).CCLS.) and (blade or leaf) | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:33 |
| 192 iris same fasten\$5 (((359/739,894,227) or (396/452,505,493,510,462,463,474,487,488)).CCLS.) and (iris same 5 fasten\$5) ("2393408" "3744393" "4444489" "4470687" "4610524" | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:33 |
| 9 "4778255" "4961087" "5038168" "5325142").PN. 1 4610524.URPN. | USPAT | 7/30/04 17:26 |
| 553 (359/739,227).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 7/30/04 17:23 |
| 32 (punch or stamp) same push same fold | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:21 |

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| 11580 | mechanical adj fastener | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:21 |
| 266 | (mechanical adj fastener) same pivot | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:21 |
| 40 | ((mechanical adj fastener) same pivot) and leaf | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:21 |
| 1 | (iris with (leaf or leaves)) same fasten\$5 | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:15 |
| 36241 | (iris or diaphragm or aperture) with fasten\$5 | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:13 |
| 0 | (iris with (leaf or leaves)) with fasten\$5 | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:13 |
| 6 | 4232595.URPN. | USPAT | 7/30/04 17:09 |
| 391 | iris with (leaf or leaves) | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:06 |
| 95 | (iris with (leaf or leaves)) and pin | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:06 |
| 26 | (iris with (leaf or leaves)) with pin | US-PGPUB; USPAT; IBM_TDB | 7/30/04 17:06 |
| | ((iris or diaphragm or aperture) same ((leaf or blade) with (pivot\$3 or | US-PGPUB; USPAT; | |
| 13 | 13 rotat\$3))) same light) same fasten\$5 | IBM_TDB | 7/30/04 17:03 |
| US-PGPUB; USPAT; | | | |
| 83160 | (iris or diaphragm or aperture) same light | IBM_TDB | 7/30/04 17:01 |
| | ((iris or diaphragm or aperture) same ((leaf or blade) with (pivot\$3 or | US-PGPUB; USPAT; | |
| 863 | 863 rotat\$3))) same light | IBM_TDB | 7/30/04 17:01 |
| US-PGPUB; USPAT; | | | |
| 19 | grommet.ti. and (grommet with pivot) | IBM_TDB | 7/30/04 17:00 |
| 1 | grommet.in. | US-PGPUB; USPAT; IBM_TDB | 7/30/04 16:55 |
| 660 | grommet.ti. | US-PGPUB; USPAT; IBM_TDB | 7/30/04 16:55 |
| 260 | grommet with pivot | US-PGPUB; USPAT; IBM_TDB | 7/30/04 16:55 |
| 5 | 3762266.URPN. | USPAT | 7/30/04 16:28 |
| | ("2030167" "2030171" "2038189" "2511920" "2572246" | | |
| | "2842022" "3426641" "3461771" "3747467" "3848389" | | |
| 14 | "3995406" "4046053" "4126076" "4767248").PN. | USPAT | 7/30/04 16:26 |
| 13 | 3848389.URPN. | USPAT | 7/30/04 16:25 |
| | ("0980420" "1947906" "2080220" "2994933" "3740839" | | |
| | "3762266" "3848389" "4485816" "4512699" "4754538" | | |
| 12 | "4841100" "4985979").PN. | USPAT | 7/30/04 16:23 |
| 17 | 4512699.URPN. | USPAT | 7/30/04 16:22 |
| 2 | (hollow with pin with rivet).ti. | US-PGPUB; USPAT; IBM_TDB | 7/30/04 16:21 |
| 5 | 3030850.URPN. | USPAT | 7/30/04 16:21 |
| 0 | (hollow with pin with rivet).in. | US-PGPUB; USPAT; IBM_TDB | 7/30/04 16:20 |
| 20 | (hollow with pin with rivet) same pivot | US-PGPUB; USPAT; IBM_TDB | 7/30/04 16:20 |
| 16 | iris same rivet | US-PGPUB; USPAT; IBM_TDB | 7/30/04 16:17 |
| 221 | hollow with pin with rivet | US-PGPUB; USPAT; IBM_TDB | 7/30/04 16:17 |
| 2 | 3836234.URPN. | USPAT | 7/30/04 16:02 |

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| 20 rivet with fold with hole | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:55 |
| 1367 rivet with fasten | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:52 |
| 260 rivet with fold | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:52 |
| 0 ((359/227).CCLS.) same rivet | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:51 |
| 3 ((359/227).CCLS.) and rivet | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:51 |
| 237 (rivet with fasten) with hole | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:51 |
| 0 ((rivet with fasten) with hole) with fold (((359/739,894,227) or (396/452,505,493,510,462,463,474,487,488)).CCLS.) and ((leaf or 4 blade) with (pivot\$3 or rotat\$3) with joint) | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:51 |
| 251 (359/227).CCLS. 3 3727531.URPN. 3 5394212.URPN. 1 4610524.URPN. 3 3727531.URPN. 2 ("3348463" "3727531").PN. 2 ("4009946" "4956139").PN. 8 4009946.URPN. 2 ("4009946" "4956139").PN. 0 5731016.URPN. 0 5541694.URPN. 4 ("4956139" "4962202" "4965617" "5025278").PN. 7 4956139.URPN. | US-PGPUB; USPAT; USOCR; IBM_TDB | 7/30/04 15:50 |
| 102270 (leaf or blade) with (pivot\$3 or rotat\$3) | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:26 |
| 1434 (leaf or blade) with (pivot\$3 or rotat\$3) with joint (((359/739,894,227) or (396/452,505,493,510,462,463,474,487,488)).CCLS.) and ((iris or diaphragm or aperture) same ((leaf or blade) with (pivot\$3 or 14 rotat\$3))) and joint | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:26 |
| 3 burst with hole with joint 5 ("2481660" "3456351" "4774537" "4897681" "5099334").PN. | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:25 |
| 572322 iris or diaphragm or aperture | US-PGPUB; USPAT; IBM_TDB | 7/30/04 15:10 |